

CITY OF LOWELL

PETITION

CITY COUNCIL
Conduit Location

Comment

Due to approximate 1000' 1/4" DIA
conduit 128' +/- to 110' concrete 138'-
middle of st. to 114" concrete to 110' st
In City Council 114" concrete 150' to
middle of st

May 25, 2001

Read and hearing ordered for 7PM on

June 8, 2001

Read, Hearing Held,
Referred to Wire In-
specter, Development
Services

City Clerk



Review of Utility Company Request for New Conduit/Pole Location

Applicant Information

Utility
(Select one) Communications/CATV

Project Address

138-160 Middlesex St

Reason To provide Comcast service from 138 to 160 Middlesex St

Date Submitted 4/21/2021

Review done by Ting Chang

Sidewalk Material Concrete

Note: Sidewalk material to be replaced in kind (Concrete in full panels only)

Are Sidewalk Vaults present? YES ☐ NO ☒

Is Work on Street under a Paving Moratorium? YES ☐ NO ☒

Is this location within the Flood Plain? YES ☐ NO ☒

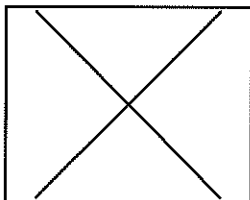
Are ADA requirements being met? YES ☒ NO ☐

Comments

Will need to mill and pave trench as part of restoration.

Outcome of Review

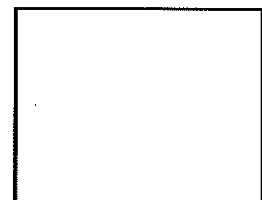
Approved



Approved With
Comments



Denied

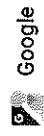


Ting Chang, P.E.
City Engineer



Image capture: Nov 2020 © 2021 Google

Lowell, Massachusetts



Street View

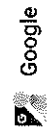
Merrimack St

38 DOWNTOWN



Image capture: Nov 2020 © 2021 Google

Lowell, Massachusetts



Street View

Merrimack St
DOWNTOWN

APR 21 '21 AM 10:04
ENGINEERS



Comcast
David R. Flewelling
Specialist 2 Construction
9 Forbes Road, Suite 9B
Woburn, MA 01801
Cell – 617-279-7864
dave_flewelling@cable.comcast.com

April 21, 2021

Mr. Michael Geary
City Clerk
Lowell City Hall
375 Merrimack Street
1st Floor, Room 31
Lowell, MA 01852

RE: 138-160 Middlesex St. Lowell
Grant of Location-Petition

Dear Mr. Geary:

Enclosed please find materials supporting Comcast request for a grant of location from the Lowell City Council. The work associated with the attached petition is for the purpose of installing new underground conduits. To provide the Comcast Service to number 138 – 160 Middlesex Street.

I look forward to the opportunity to address this matter in further detail at the next city council meeting. Should you have any questions or concerns, please feel free to contact me at (617) 279-7864.

Sincerely,

A handwritten signature in black ink, appearing to read "David R. Flewelling", written over a horizontal line.

David R. Flewelling
Comcast
Specialist 2, Construction

Enclosure (3)

PETITION OF COMCAST FOR LOCACTION FOR CONDUITS AND MANHOLES

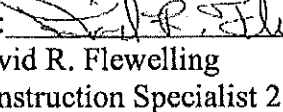
To the City Council for the City of Lowell, Massachusetts:

Respectfully represents Comcast of Massachusetts of Southern New England, Inc., a company incorporated for the distribution of broadband services, that it desires to construct a line for such broadband under the public way or ways hereinafter specified.

Middlesex Street: Starting at the existing vault located in the sidewalk in front of number 155 Middlesex Street. Excavating to place (1) 4" PVC Conduit 128' +/- to number 138-140 Middlesex Street. And (1) 4" PVC Conduit 50' +/- to a proposed 2'x3' vault in the sidewalk. From the proposed vault (1) 4" PVC Conduit 10' +/- will service number 150 and (1) 4" PVC Conduit 12' +/- will service number 160 Middlesex Street.

Wherefore, your petition prays that, after due notice and hearing as provided by law, the City Council may by Order grant your petitioner permission to construct, and a location for, such a line of conduits and manholes with the necessary wires and cables therein, said conduits and manholes to be located, substantially as shown on the plan made by Dewsnap Engineering Associates, LLP, Dated April 12, 2021 and filed here with, under the following public way or ways of said City of Lowell.

Comcast

By: 
David R. Flewelling
Construction Specialist 2
9 Forbes Road, Suite 9B
Woburn, MA 01801

Dated this April 21, 2021.

City of Lowell Massachusetts

Received and filed _____, 2021.

ORDER FOR CONDUIT LOCATION

In the City Council for the City of Lowell, Massachusetts.

ORDERED:

That permission be and hereby is granted to Comcast of Southern New England, Inc., to lay and maintain underground conduits and manholes, with the wires and cables to be placed therein, under the surface of the following public way or ways as requested in petition of said Company dated April 21, 2021.

Middlesex Street: Starting at the existing vault located in the sidewalk in front of number 155 Middlesex Street. Excavating to place (1) 4" PVC Conduit 128' +/- to number 138-140 Middlesex Street. And (1) 4" PVC Conduit 50' +/- to a proposed 2'x3' vault in the sidewalk. From the proposed vault (1) 4" PVC Conduit 10' +/- will service number 150 and (1) 4" PVC Conduit 12' +/- will service number 160 Middlesex Street.

Substantially as shown on plan marked - Proposed Comcast Underground, filed with said petition.

Also, that permission be and hereby is granted said Comcast to lay and maintain underground conduits, manholes, cables and wires in the above or intersecting public ways for the purpose of making connections with such poles and buildings as it may desire for distributing purposes.

The foregoing permission is subject to the following conditions:

1. The conduits and manholes shall be of such materials and construction and all work done in such manner as to be satisfactory to the City Council or to such officers as it may appoint to the supervision of the work.
2. Said Company shall indemnify and save the City harmless against all damages, costs and expense whatsoever to which the City may be subjected in consequence of the acts or neglect of said Company, its agents or servants, or in any manner arising from the rights and privileges granted it by the City.
3. In addition, said Company shall, before a public way is disturbed for the laying of its wire or conduits, execute its bond in a penal sum of One Hundred Thousand Dollars (\$100,000) (reference being had to the bond already on file with said City) conditioned for the faithful performance of its duties under this permit.
4. Said Company shall comply with the requirements of existing by-laws and such as may hereafter be adopted governing the construction and maintenance of conduits and wires, so far as the same are not inconsistent with the laws of the Commonwealth.

I hereby certify that the foregoing order was adopted at a meeting of the City Council for the City of Lowell, Massachusetts, held on the _____ day of _____ 2021.

(over)

City Clerk

We hereby certify that on _____, 2021, at _____ o'clock _____ M., at Lowell, Massachusetts a public hearing was held on the petition of the Comcast for permission to lay and maintain underground conduits, manholes and connections, with the wires and cables to be placed therein, described in the order herewith recorded, that we mailed at least seven days before said hearing a written notice the time and place of said hearing to each of the owners of real estate determined by the last preceding assessment for taxation along the ways parts of ways upon which the Company is permitted to construct the lines said Company under said order. And that thereupon said order was duly adopted.

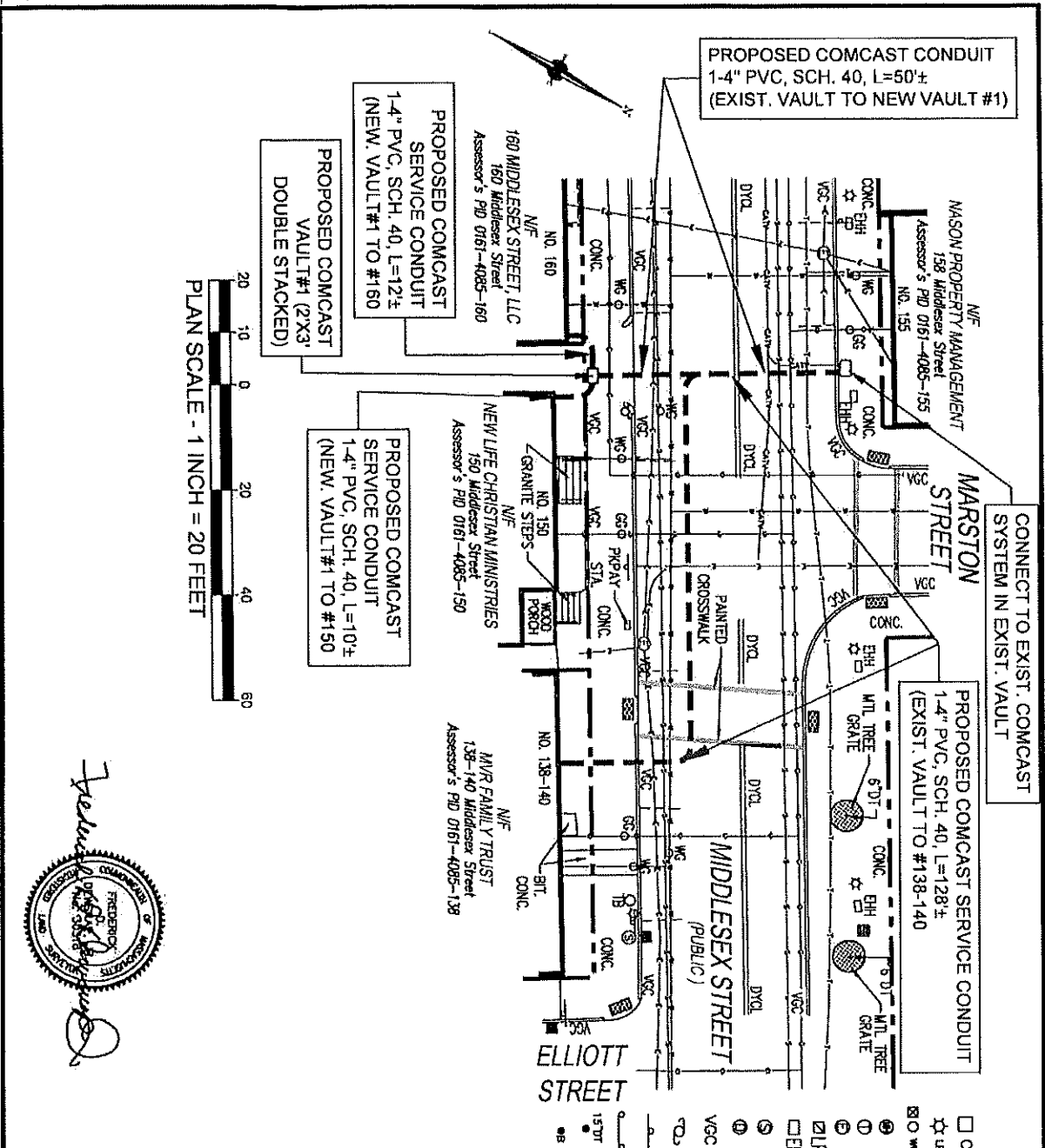
Lowell City Council; Lowell, Massachusetts

CERTIFICATE

I hereby certify that the foregoing is a true copy of a location order, and certificate of hearing with the notice adopted by the City Council for the City of Lowell, Massachusetts, on the _____ day of _____ 2021, recorded with the records of location orders of said City, Book _____, Page _____. This certified copy is made under the provision of Chapter 166 of General Laws and any additions thereto or amendments thereof.

Attest:

City Clerk



CONNECT TO EXIST. COMCAST SYSTEM IN EXIST. VAULT

PROPOSED COMCAST SERVICE CONDUIT
1-4" PVC, SCH. 40, L=128'±
(EXIST. VAULT TO #138-140)

PROPOSED COMCAST SERVICE CONDUIT
1-4" PVC, SCH. 40, L=12'±
(NEW. VAULT #1 TO #160)

PROPOSED COMCAST VAULT #1 (2X3' DOUBLE STACKED)

PROPOSED COMCAST SERVICE CONDUIT
1-4" PVC, SCH. 40, L=10'±
(NEW. VAULT #1 TO #150)

LEGEND

- | | | | |
|-------|----------------------------|-------|--------------------------------------|
| □ CB | CATCH BASIN | — G — | GAS LINE |
| ☆ UP | LIGHT POLE | — W — | WATER LINE |
| □ WG | WATER GATE | — T — | TELEPHONE LINE |
| ⊙ | MANHOLE | — E — | ELECTRIC CONDUIT |
| ⊙ | TELEPHONE MANHOLE | — S — | SEWER LINE |
| ⊙ | ELECTRIC MANHOLE | — D — | DRAIN LINE |
| ⊙ | LIGHT POLE BASE (NO LIGHT) | — C — | CATV LINE |
| □ EHH | ELECTRIC HAND HOLE | --- | APPROX. P.L. |
| ⊙ | SEWER MANHOLE | --- | PROPOSED COMCAST UNDERGROUND CONDUIT |
| ⊙ | DRAIN MANHOLE | --- | DBL YELLOW CENTER LINE |
| ⊙ | VERTICAL GRANITE CURB | --- | SINGLE YELLOW EDGE LINE |
| ⊙ | UTILITY POLE | --- | SINGLE WHITE EDGE LINE |
| ⊙ | SIGN | --- | SINGLE WHITE LANE LINE |
| ⊙ | SIGN | --- | SINGLE WHITE LINE |
| ⊙ | DECIDUOUS TREE | | |
| ⊙ | STEEL BOLLARD | | |

WARD 4, PRECINCT 3

PROPOSED COMCAST UNDERGROUND

MIDDLESEX COUNTY

PLAN OF LAND

LOWELL, MA

Prepared for:	COMCAST	Prepared by:	DEWSNAP ENGINEERING ASSOC. LLP
3 ROGERS ROAD, SUITE 80	WOBURN, MA 01801	175 Lincoln Avenue - Ste 200, Lowell, MA 01806	781/771-233-0355
Date:	April 12, 2021	Scale:	As Shown
Checked by:	F.D.D. & P.A.D.	PROJECT LOCATION:	MIDDLESEX STREET TO SERVICE
Drawn by:	W.A.L.		NOS. 138-140, 150 & 160 MIDDLESEX STREET
Field by:	P.A.D. & A.C.D.		
Sheet No. 1 of 3			

NOTES:

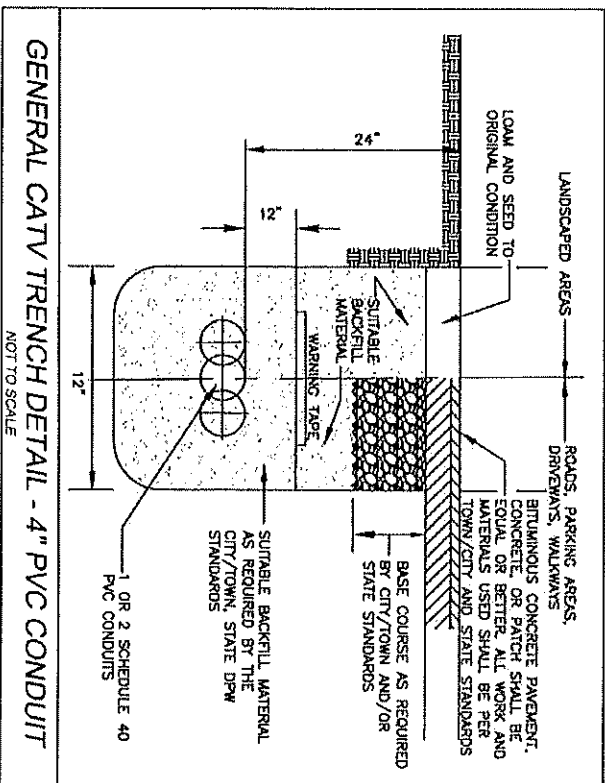
1. These plans were prepared from record data on file at the City of Lowell Engineering Department and various utility companies.
2. The locations of underground utilities shown are based on the above referenced data. Locations of underground utilities/structures may vary from location hereon and are not warranted to be accurate and/or correct. Additional buried utilities/structures may be encountered. No excavations were performed during the progress of this survey to locate buried utilities/structures.
3. Prior to any construction the Contractor shall notify DUG-SAFE at least 72 hours in advance of 811 (National Call Number) for verification of utilities and for field locations.
4. It is the responsibility of the utility contractor installing the Comcast underground conduit, manholes and vaults to notify those utility companies not associated with the DUG-SAFE system to verify the locations of their respective utilities. Also, the installing contractor shall be responsible for reporting or replacing any traffic signal loops damaged during the installation of the new Comcast underground conduits and manholes.
5. Prior to the start of construction, the Utility Contractor shall confirm the number and size of the conduits for this project with the Comcast Project Coordinator.
6. These plans were prepared for permitting purposes with the City of Lowell, MA. After all utility lines have been marked out in the field the locations of the Proposed Comcast Underground Conduit, Manholes and Vaults may be adjusted to fit with the existing utilities in the field.
7. All work to be performed is for the installation of the new Comcast underground conduit, manholes and vaults.
8. All work shall conform to the approving authorities Engineering and DPW Standards. Upon completion of the trench work for the day, the contractor shall backfill, compact and pave the trench in all roadway and sidewalk areas and the work area shall be broom swept clean. In grassed areas the trench shall be loamed, seeded and hay mulch spread to keep the area stabilized until the grass has taken hold.
10. All concrete sidewalks disturbed or damaged by the placement of the Comcast Underground Conduit shall be repaired/replaced in kind in accordance with the City of Lowell Standards and requirements. All Curbing, Signage, Road and Parking stripping and traffic signal conduits, wiring or detection loops disturbed during the placement of the Comcast Underground Conduit shall be restored/replaced to their original condition by the Utility Contractor. All property and street line bounds and markers expected to be damaged or disturbed by the placement of the Comcast Underground Conduit shall be located and tied in by a Massachusetts Registered Professional Land Surveyor prior to the work and shall be replaced by the Land Surveyor as part of the project.
11. Street/Property lines are not the result of a boundary survey and are considered to be approximate.

CONSTRUCTION NOTES:

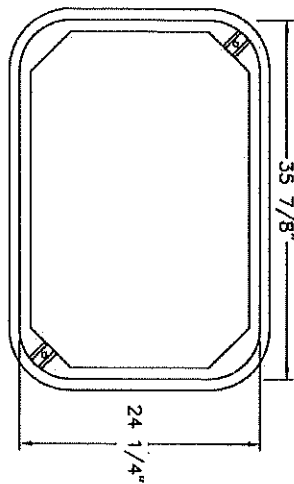
1. Following the Dig-Safe "mark out" and field verification of the existing underground utilities, the Proposed 4" PVC Schedule 40 Comcast Conduit shall be adjusted in the field by the utility contractor to avoid being located over any existing utilities.

DETAIL NOTES:

1. The details depicted are for general reference only. The final product used shall be the responsibility of the general contractor and shall be of equal or greater material than that depicted and shall conform to the Engineering/DPW Standards for the City/Town and/or State where the project is located.

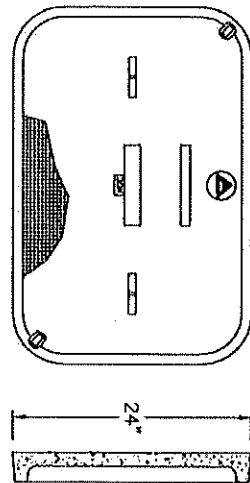


WARD 4, PRECINCT 3	
PROPOSED COMCAST UNDERGROUND	
MIDDLESEX COUNTY	
PLAN OF LAND	
IN	
LOWELL, MA	
Prepared for:	Prepared by:
COMCAST	DEWSNAP ENGINEERING ASSOC. LLP
9 FORBES ROAD, SUITE 99	179 Lincoln Avenue - Suite 1A 01506
WOBURN, MA 01801	Tel # (781) 235-0585
Date: April 12, 2021	Scale: As Shown
Checked By: F.D.O. & P.A.O.	PROJECT LOCATION:
Drawn By: W.A.L.	MIDDLESEX STREET
Field By: P.A.O. & A.C.D.	TO SERVICE
Sheet No. 2 of 3	NOs. 138-140, 150 & 160
	MIDDLESEX STREET

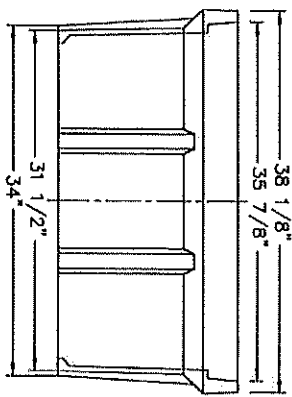
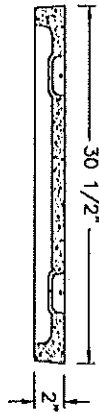


PLAN VIEW

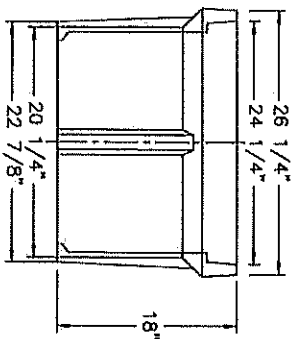
APPROX. WT. = 304 LBS.



POLYMER CONCRETE COVER



SIDE VIEW



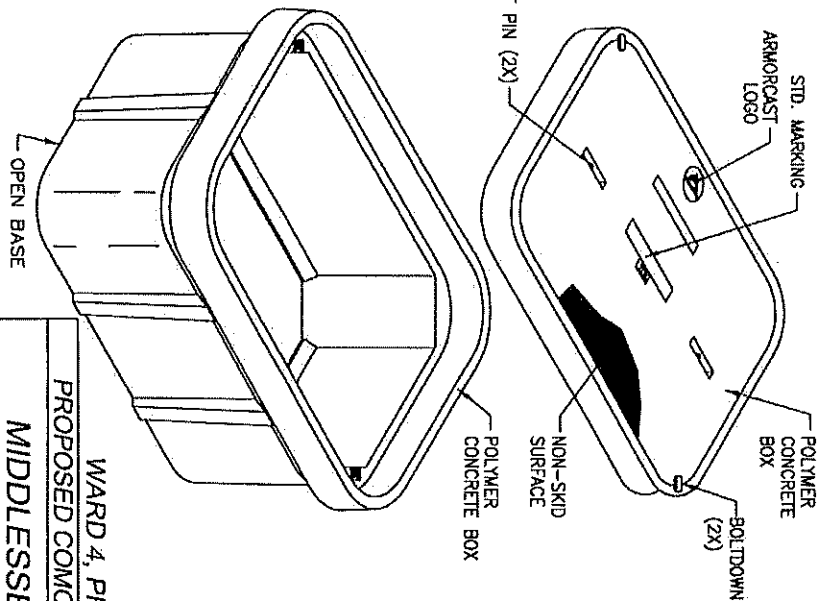
END VIEW

ARMORCAST VAULT DETAIL

NOT TO SCALE

VAULT NOTES:

VAULTS SHALL BE AS MANUFACTURED BY ARMORCAST PRODUCTS COMPANY, CHASTWORTH, CA, 24" X 36" X 18" DEEP, TIER 22, 20K LOAD RATED, MODEL #A6001974HDAPCX18.



WARD 4, PRECINCT 3	
PROPOSED COMCAST UNDERGROUND	
MIDDLESEX COUNTY	
PLAN OF LAND	
IN	
LOWELL, MA	
Prepared for:	COMCAST
9 FORBES ROAD, SUITE 88	
WILMINGTON, MA 01801	
Prepared by:	DEWISAP ENGINEERING ASSOC. LLP
178 LUDLOW AVENUE - SUITE 100	
TEL: (781) 233-0595	
Date:	April 12, 2021
Scale:	AS SHOWN
Checked By:	F.D.O. & P.A.D.
Drawn By:	W.A.L.
Field By:	P.A.D. & A.C.D.
Sheet No. 3 of 3	PROJECT LOCATION: MIDDLESEX STREET TO SERVICE NO'S. 138-140, 150 & 160 MIDDLESEX STREET